

~~CNG2B: A NOVEL~~ HUMAN CYCLIC  
NUCLEOTIDE-GATED ION CHANNEL POLYPEPTIDE

ABSTRACT OF THE DISCLOSURE

- The invention provides isolated nucleic acid and amino acid sequences of
- 5 CNG2B, antibodies to CNG2B, methods of detecting CNG2B, and methods of screening for modulators of cyclic nucleotide-gated ion channels using biologically active CNG2B. The invention further provides, in a computer system, a method of screening for mutations of human CNG2B genes as well as a method for identifying a three-dimensional structure of human CNG2B polypeptides.

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